| Index of Claims |  |
|-----------------|--|
|                 |  |

| Application No. | Applicant(s)    |  |
|-----------------|-----------------|--|
| 10/655,998      | BEVIER, ALEX D. |  |
| Examiner        | Art Unit        |  |

| , | Rejected | ı | (Through numeral)<br>Cancelled |
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|   | Allowed  | ÷ | Restricted                     |

| N | Non-Elected  |
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| _ | Interference |

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| Α | Appeal   |
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| 0 | Objected |

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| Claim             |                         |          |                               |                         |              |           | ::[ | Cla           | im          |          |                |              | Dat                | te                            |               |              | ]:::: |          | laim       |  | -  |  |          | ate      | •                                   |                     |          |          |
|-------------------|-------------------------|----------|-------------------------------|-------------------------|--------------|-----------|-----|---------------|-------------|----------|----------------|--------------|--------------------|-------------------------------|---------------|--------------|-------|----------|------------|--|--|--|----------|----------|-------------------------------------|---------------------|----------|----------|
|                   | 00                      | -        |                               |                         |              |           |     |               | <del></del> |          |                |              |                    |                               |               | Г            |       |          | <u></u>    |  |  |  |          | 1        |                                     | ļ                   | ı        |          |
| Final<br>Original | 61                      |          |                               |                         | 1            |           |     | Final         | Original    |          |                |              | ŀ                  |                               |               |              |       | Final    | Original   |  |  |  |          | - 1      |                                     | ı                   |          | - 1      |
| <u>ir</u>   ig    | 1.1                     |          |                               | 11                      |              |           |     | 证             | δĺ          |          |                |              | ŀ                  |                               |               |              |       | 证        | हैं        |  |  |  |          | ł        |                                     |                     |          | - 1      |
|                   | 1                       | _   _    |                               | $\sqcup$                |              | :         |     |               |             | _        | _              | 4            | -                  |                               |               | +            | 4     |          |            | -  | ļ  |  | Н        |          |                                     | $\rightarrow$       |          | -        |
| (1/               | 14                      |          |                               | ++                      | _            |           |     |               | 51          | _        | _              | 4            | +                  |                               |               | +-           | 4     |          | 101        | ├-   | -  |  | Н        |          |                                     | 4                   | -        | -        |
| 2                 | +                       | _        | <del></del>                   | ╁┵                      | _            |           |     |               | 52          |          |                |              | +-                 | +                             | $\dashv$      | +-           | -     |          | 102<br>103 | ╁  |  | <u> </u>   | Н        | $\dashv$ |                                     | $\dashv$            | $\dashv$ | $\dashv$ |
| 3                 | ╫                       |          |                               | +                       |              |           |     | _             | 53<br>54    | -        | -              |              | +                  | +                             |               | +            | -     |          | 103        | +-   |  |  | Н        | $\vdash$ | $\dashv$                            | $\dashv$            | $\dashv$ | ᅱ        |
| 5                 | ╫┼                      |          | ╁╌╁╴                          | ╁                       | -            | <b>—</b>  |     |               | 55          | -        | -+-            | ┿            | +                  | +                             |               | +-           | ╢     | -        | 105        | ╁  | $\vdash$   | $\vdash$   | Н        |          | _                                   | $\dashv$            | $\dashv$ | $\dashv$ |
| 6                 | ╫                       |          | ╁┼                            | ╂═┼                     | <del>-</del> |           |     |               | 56          | $\dashv$ | +              | +            | +                  | +                             | $\dashv$      | +            | ┨     | -        | 106        | ├-   | <del>                                     </del> | ┢  | Н        | $\dashv$ | $\dashv$                            | $\dashv$            | $\dashv$ | ᅱ        |
| 7                 | ╁┼                      |          | ╁╌╁╌                          | ╫                       |              | H         |     |               | 57          | $\dashv$ | +              | ╁            | +-                 | 1                             |               | +            | 1     |          | 107        | $\vdash$   | -  | ┢  | Н        | $\neg$   | $\dashv$                            | 十                   | $\dashv$ | $\dashv$ |
| 8                 | ╫                       | _        | +                             | +                       | - -          | H         |     | $\overline{}$ | 58          | $\dashv$ | +              | +-           | +                  | +                             | -             | <del> </del> | 1     | $\vdash$ | 108        | T  | ┢  | $\vdash$   | H        |          | $\neg$                              | $\dashv$            | ᄀ        | ᅱ        |
| 9                 | +++                     | +        | ++-                           | 11                      |              | H         |     |               | 59          |          | +              | +            | +                  | T                             |               | $\top$       | 1     | _        | 109        |  |  |  | П        |          |                                     |                     | 寸        | ヿ        |
| T Š               | ,                       |          | ╁┼┼                           | ++                      |              | H         |     |               | 60          | _        | $\dashv$       | $\top$       | $\top$             | +-                            |               | 1            | 1:::: |          | 110        | 1  | $\vdash$   | -  | İП       |          |                                     |                     | 寸        | ヿ        |
| 11                | +++                     | _        | 1                             | 17                      | _ _          |           |     |               | 61          |          |                | T            | $\top$             | 1                             | $\dashv$      | 1            | 1     |          | 111        | $\top$   |  |  |          |          |                                     |                     | 一        | コ        |
| 12                | <b>††</b> †             | $\dashv$ |                               | 11                      |              | $\square$ |     |               | 62          | 寸        | 7              | 1            | T                  |                               |               | 1            | ]     |          | 112        |  |  |  |          |          |                                     |                     |          |          |
| 13                | <b>  </b>               |          |                               |                         |              |           |     |               | 63          |          |                |              | $\prod_{-}$        |                               |               | $\perp$      | ]     |          | 113        |  |  |  |          |          |                                     | $\Box$              |          |          |
| 14                |                         |          |                               |                         |              |           |     |               | 64          |          | I              | 1            | Ι                  |                               |               |              | ]:::: |          | 114        |  |  |  |          |          |                                     |                     |          |          |
| 15                | $\prod$                 |          |                               |                         |              |           |     |               | 65          |          | $\Box$         |              |                    |                               |               |              | ]     |          | 115        |  | L  |  |          |          |                                     |                     |          |          |
| 16                | Ш                       |          |                               |                         |              |           |     |               | 66          |          |                |              |                    |                               |               | ┸            |       | L        | 116        |  | <u> </u>   |  |          |          |                                     | _                   | _        |          |
| 17                | $\square U$             |          |                               |                         |              |           |     |               | 67          |          |                |              |                    |                               |               |              |       | <u> </u> | 117        | <u> </u>   | <u> </u>   | <u> </u>   | Щ        |          | $\Box$                              | 4                   |          | _        |
| 18                | V                       |          | $\perp \perp$                 | $\perp$                 |              | Щ         |     |               | 68          | 4        |                | $\perp$      | _                  | $\perp$                       |               |              | ]     | <u></u>  | 118        | $oxed{oxed}$                                     | <u> </u>   | <u> </u>   |          |          |                                     | _                   | _        | $\dashv$ |
| 19                |                         |          |                               |                         | _            | Ш         |     |               | 69          | $\perp$  | $\perp$        |              | $\perp$            |                               | $\vdash$      | 4_           | 1     | <u>L</u> | 119        | <u> </u>   | <u> </u>   |  | Щ        |          | _                                   |                     | _        | $\dashv$ |
| 20                | 11                      | _ _      | $\perp \perp$                 | 11                      | _ _          | Ш         |     |               | 70          | $\perp$  | $\perp$        |              | 4                  | <u> </u>                      | $\sqcup$      |              |       | L        | 120        | -  | <u> </u>   | _  |          |          | _                                   | -                   | _        | _        |
| 21                | $\perp \perp$           |          |                               | $\perp$                 |              | Щ         |     |               | 71          | _        | $\perp$        |              | 4_                 | 1                             | $\sqcup$      |              | 4     | 느        | 121        | _  | _  |  |          |          | _                                   | -                   | _        | _        |
| 22                | $\sqcup$                |          | $oldsymbol{oldsymbol{\perp}}$ | $\downarrow \downarrow$ |              |           |     |               | 72          | _        | _              | _            | 4                  | 1                             |               |              | 4     | <u> </u> | 122        | -  | ↓_   | _  | _        |          |                                     | 4                   |          | _        |
| 23                | $\bot$                  |          | $\perp \perp$                 | $\bot$                  | _ _          | Щ         |     |               | 73          | _        | $\perp$        | $\bot$       | -                  | —                             | <b>-</b>      | -            | 4     | <u> </u> | 123        |  | -  | ╙  | _        |          |                                     | -                   |          | $\dashv$ |
| 24                | 1                       |          |                               | $\bot$                  |              |           |     |               | 74          | 4        | _              | _            | -                  | <b> </b>                      | <u> </u>      | - -          | 4     | L        | 124        | _  | ⊢  | <u> </u>   | L        |          |                                     | -                   |          |          |
| 25                |                         | - -      |                               | +                       | _ _          | $\sqcup$  |     |               | 75          | -        | -              | +            | +                  | $\vdash$                      | $\vdash$      |              | 4     | <u> </u> | 125        | <del> </del>                                     |  |  | ┝        | _        | _                                   | $\dashv$            | -        |          |
| 26                | +                       |          | +-                            |                         |              | $\square$ |     |               | 76          | $\dashv$ | +              | +            | +-                 | ┼-                            | $\vdash$      | -            | -     | ⊢        | 126<br>127 | +-   | ⊢  |  | $\vdash$ |          |                                     | $\dashv$            | $\dashv$ |          |
| 27                | +                       |          |                               | +                       |              | H         |     |               | 77<br>78    | $\dashv$ | +              | +            | +                  | +                             | $\vdash$      | +            | -     | -        | 128        | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$ |          |                                     | ┰┼                  | -        |          |
| 28                | +                       |          | ++                            | ++                      |              | :         |     |               | 78<br>79    | +        | -+             | +            | +                  | +-                            | $\vdash$      | +-           | -     | ⊢        | 129        | ┿  | ╁  | -  |          |          |                                     | -                   |          | $\neg$   |
| 29<br>30          | ╁┼                      |          | +                             | ┨═┤                     |              | H         |     | -             | 80          | +        | $\dashv$       | ╁            | +                  | +                             |               | +            | -     | ┢        | 130        | ╁  | ├-   | ┢  | -        | $\vdash$ | -                                   | ᅱ                   |          | _        |
| 31                | +-+                     |          | <del>   -</del>               | ╅                       | -            | H         |     |               | 81          | $\dashv$ | $\dashv$       | +            | +                  | ╅╾                            |               | +-           | 1     | -        | 131        | +  | ┢  | ┢  | -        |          |                                     | 十                   | $\neg$   | $\neg$   |
| 32                | +                       | $\dashv$ | ++                            | + +                     | +            | H         |     |               | 82          | +        | $\dashv$       | ┰            | +-                 | +                             | H             | +            | 1     | -        | 132        | <del>                                     </del> | $\vdash$   | $\vdash$   |          | -        |                                     |                     | $\neg$   | $\dashv$ |
| 33                | ++                      | $\dashv$ | +                             | +                       | -            | -         |     |               | 83          | $\dashv$ | _              | +            | +                  | 1                             |               |              | 1:::: | 一        | 133        | $\vdash$   | <u> </u>   |  |          |          |                                     |                     | $\neg$   | $\neg$   |
| 34                | + +                     | _        | +                             | 1 1                     | $\dashv$     |           |     |               | 84          | 十        | $\dashv$       | +            | $\top$             |                               |               | ┪            | 1     | $\vdash$ | 134        | T  | 1  | П  |          | $\Box$   |                                     | 寸                   |          | $\neg$   |
| 35                | 1 1                     | _        | 1-1-                          | 1 1                     | $\dashv$     |           |     |               | 85          | 寸        | $\dashv$       | $\dashv$     | $\top$             | $\top$                        |               | $\top$       | 1:::: |          | 135        | $\top$   |  | Г  |          |          |                                     | $\neg$              | $\neg$   | コ        |
| 36                | 11                      | +-       |                               | 1-1                     |              | П         |     |               | 86          | $\dashv$ | $\dashv$       | $\top$       | 1                  | 1                             |               | $\top$       | 1     | Г        | 136        | Τ  |  | Г  |          |          |                                     |                     |          | ╝        |
| 37                |                         |          | +                             | 11                      |              | П         |     |               | 87          | T        | 1              | +            | T                  | 1                             | $\Box$        | $\top$       | 7     | Г        | 137        |  |  |  |          |          |                                     |                     |          | $\Box$   |
| 38                | $\top$                  | _        | $\top$                        | 11                      |              |           |     |               | 88          | $\neg$   | T              |              | T                  |                               |               |              | ]:::: |          | 138        | Ι  |  | Ŀ  |          |          |                                     |                     |          |          |
| 39                | 1 1                     |          | $\top$                        | 11                      | $\neg$       |           |     |               | 89          |          | $\Box$ $\Box$  |              | Τ                  |                               |               | Ι            | ]:::: |          | 139        |  |  |  |          |          |                                     |                     |          |          |
| 40                |                         |          |                               | $\perp$                 |              |           |     |               | 90          |          |                | I            | I                  |                               |               |              |       |          | 140        |  |  |  |          |          |                                     |                     |          |          |
| 41                |                         |          |                               |                         |              |           |     |               | 91          | $\Box$   | $\Box$         | $oxed{\Box}$ | $oxed{\mathbb{T}}$ |                               |               |              | ]:::: |          | 141        |  |  |  |          |          |                                     |                     |          | ]        |
| 42                |                         |          |                               |                         |              |           |     |               | 92          | $\Box$   | $\perp$        | $\perp$      | I                  |                               |               |              | 1     | L        | 142        | 1  | oxdot  | L  |          | $\Box$   |                                     | $\Box$              |          |          |
| 43                |                         |          |                               |                         |              |           |     |               | 93          |          | $\perp \Gamma$ |              |                    |                               |               | L            | ]     | <u></u>  | 143        |  |  | $\perp$  |          | Ш        |                                     | $\sqcup$            |          |          |
| 44                |                         |          |                               |                         |              |           |     |               | 94          | [        |                |              | $oldsymbol{\perp}$ |                               |               | L            | 4     | <u> </u> | 144        | _  | $oxdapsymbol{oxed}$                              | _  | Ш        | Ш        |                                     |                     | _        | ᅴ        |
| 45                |                         |          | $\bot \bot$                   | $\perp \perp$           | $\bot$       | Щ         |     |               | 95          | [        | _              | $\perp$      | ļ                  | $oldsymbol{oldsymbol{\perp}}$ | $\sqcup \bot$ | 4            | 1     | <u></u>  | 145        | 1  | <u> </u>   | <u> </u>   | $\vdash$ | Ш        |                                     | $\Box$              | _        | ᅴ        |
| 46                |                         |          |                               |                         |              |           |     |               | 96          |          | $\perp$        |              | $\bot$             | 4_                            | $\sqcup$      | $\perp$      | 4     |          | 146        | <u> </u>   | <u></u>  | <u> </u>   |          | Ш        |                                     |                     |          | _        |
| 47                |                         |          | 1 1 -                         | $\downarrow \downarrow$ |              |           |     |               | 97          | _        | $\perp$        | $\perp$      | $\perp$            | ↓                             | $\sqcup \bot$ |              | 4:::  | <u> </u> | 147        |  |  | $\vdash$   |          | Ш        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $\Box$              | _        | $\dashv$ |
| 48                | $\bot$                  |          | $\bot \bot$                   | $\bot \bot$             |              | Ш         |     |               | 98          | ļ        | $\perp$        | $\bot$       | $\bot$             | 4_                            | $\sqcup$      | _            | 4     | <u> </u> | 148        | $\vdash$   |  | _  | <u> </u> | Ш        | $\vdash$                            | $\sqcup$            |          | $\dashv$ |
| 49                | $\downarrow \downarrow$ | $\perp$  | ++                            | $\bot \bot$             |              | Ш         |     | oxdot         | 99          | _        | $\dashv$       | 4            | $\bot$             | _                             | $\sqcup$      | _            | - ::: | <u> </u> | 149        |  | <u> </u>   | <del> </del>                                     | $\vdash$ | Щ        |                                     | $\vdash \downarrow$ | _        | ᅴ        |
| 50                | $\perp$                 |          | حلجا                          | $\perp$                 | L_           | ::لــــا  |     |               | 100         |          |                |              |                    |                               |               | L_           | ]:-:: | L        | 150        | _  |  | <u> </u>   | <u></u>  | Ш        |                                     |                     | •        |          |